

543,987

**(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)**

**(19) World Intellectual Property Organization  
International Bureau**



(43) International Publication Date  
12 August 2004 (12.08.2004)

PCT

(10) International Publication Number  
**WO 2004/067236 A1**

(51) International Patent Classification<sup>7</sup>: B26D 1/18

(21) International Application Number: PCT/US2003/001769

(22) International Filing Date: 21 January 2003 (21.01.2003)

(25) Filing Language: English

(26) Publication Language: English

(71) Applicant and

(72) Inventor: SANTA ANA, Roland, C. [PH/US]; 224 N. Van Buren St., Rockville, MD 20850 (US).

(74) Agent: DODDS, John; Dodds & Associates, 1707 N Street, NW, Washington, DC 20036 (US).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Declarations under Rule 4.17:**

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for all designations
- of inventorship (Rule 4.17(iv)) for US only

**Published:**

- with international search report

### **Declarations under Rule 4.17:**

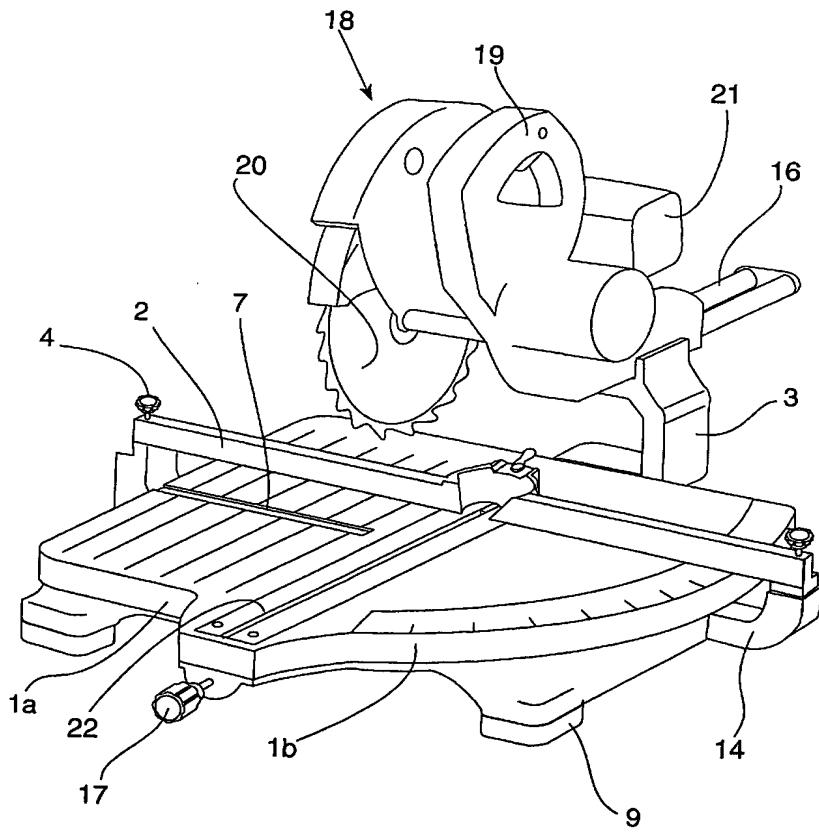
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for all designations
  - of inventorship (Rule 4.17(iv)) for US only

**Published:**

- with international search report

*[Continued on next page]*

**(54) Title: COMBINATION TABLE-MITTER SAW & ASSEMBLY**



**(57) Abstract:** Combination table-tilt saw and assembly for the industry of saws and tool table assemblies. Orientation of saw unit (18) may be adjusted for operation as table saw or miter saw. Includes a blade (20), handle (19), motor (21), slide bar (16), safety mechanism for table saw mode, arm support (3) attached to the worktable connecting the saw (18) to a side, knob handle tilt control (10) and scale (15). Work table is comprised of a table saw platform (1 a), miter saw platform (1 b) with radial shape, platform table insert (22), rail guide slot ramp (7), scale marking (8), and locking handle assembly (17). It includes an undercarriage secured to the worktable but allows its rotation, a fixed fence base (14) and foot bases (9) attached to the undercarriage. Fence (2), including a rail guide clamp handle (5), rail guide bar (6) and two clamp bolt knobs (4) are also included.

**WO 2004/067236 A1**



*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*